

# Converting Colors

Hex(CF374D)

Have a look what the booklet for  
Hex(CF374D) contains.

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# Color

**Hex(CF374D)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | CF374D                     |
| RGB           | 207, 55, 77                |
| RGB Percent   | 81%, 22%, 30%              |
| CMY           | 0.1882, 0.7843, 0.6980     |
| CMYK          | 0.00, 0.73, 0.63, 0.19     |
| HSL           | 351°, 61%, 51%             |
| HSV           | 351°, 73%, 81%             |
| XYZ           | 28.4379, 16.5336, 8.7136   |
| YIQ           | 102.9560, 83.5300, 39.0660 |

# Conversions

## Conversions Part 2

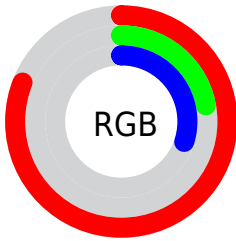
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">207, 55, 77</a>                                  |
| Decimal                             | <a href="#">13580109</a>                                     |
| CIELab                              | <a href="#">47.67, 59.99, 23.58</a>                          |
| CIElCh                              | <a href="#">48, 64.461, 21.460</a>                           |
| Yxy                                 | <a href="#">16.5336, 0.5297, 0.3080</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4291770189</a><br>( <a href="#">0xFFCF374D</a> ) |
| YUV                                 | <a href="#">102.9560, -12.7963, 91.2466</a>                  |
| Hunter-Lab                          | <a href="#">40.6615, 53.6817, 15.7574</a>                    |

# Details

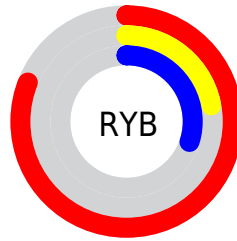
The Hex color **CF374D** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **37CFB9**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF717E**, and **920021** is the 20% darker color. If you saturate the color by 10%, you get **CF223B**, and if you desaturate by 10%, it is **CF4C5F**.

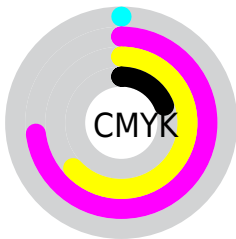
# Distribution



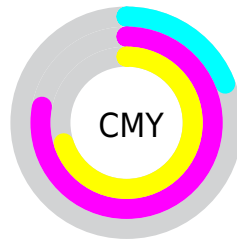
- Red (81%)
- Green (22%)
- Blue (30%)



- Red (81%)
- Yellow (22%)
- Blue (30%)



- Cyan (0%)
- Magenta (73%)
- Yellow (63%)
- Black (19%)



- Cyan (19%)
- Magenta (78%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF374D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color CF374D by changing the saturation by 10% instead.



 CF374D

 CF374D

FFFFFF

 B01136

 FF717E

 920021

 FF8D98

 73000C

 FFAAB2

 550000

 FFC7CE

 390002

 FFE4EA

 110000

 000000

 CF374D

 CF374D

 CF223B

 CF4C5F

 CF0E2A

 CF6070

 CF001E

 CF7582

 CF8A94

 CF9FA6

 CFB3B7

 CFC8C9

 CFDDDB

 CFF1EC

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C93483



CF374D



BB5119

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CF374D



008426



007CDD

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



CF374D



37CFB9

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0086C6



CF374D



00885F

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CF374D



647A00



008997



496AD7

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CF374D



A46200



008997



0081D9



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



CF374D



FFC7CF



B837CF



805E63



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



CF374D



FF1F3F



CF6C37



695E60



A80018



290006



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CF374D



FF1F3F



379ACF



695E60



A80018



290006



# Previews

## White Background



This preview shows how the Hex color CF374D looks on a white background.

## Color Contrast Check

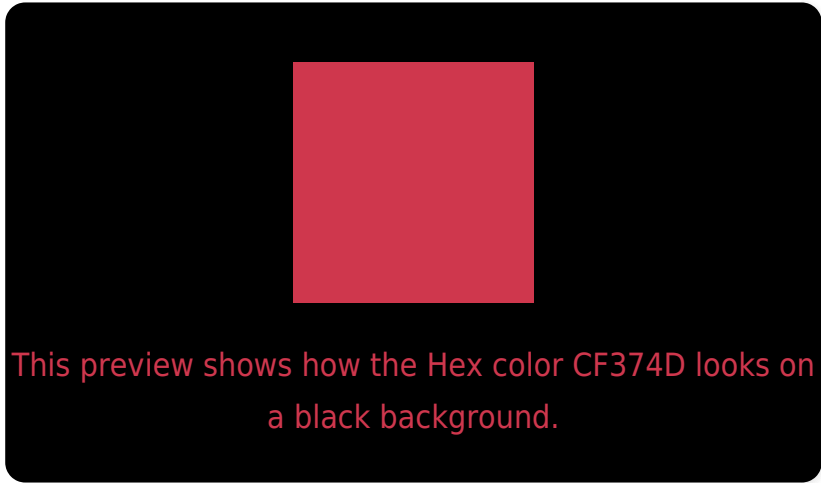
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CF374D Background



This preview shows how black text looks on a background with the Hex color CF374D.

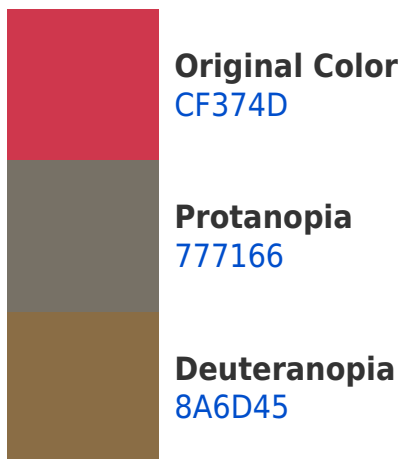


This preview shows how white text looks on a background with the Hex color CF374D.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
CF374D

**Protanomaly**  
975C5D

**Deuteranomaly**  
A35948

**Tritanomaly**  
CE3943

# Monochromacy



**Original Color**  
CF374D

**Achromatopsia**  
676767

**Achromatomaly**  
8D565E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF374D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #CF374D looks like.

```
.text, #text, p{  
    color:#CF374D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #CF374D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF374D
}
```

## Border

The CSS property to change the border of an element to Hex CF374D is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CF374D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#CF374D }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #CF374D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF374D; -webkit-box-shadow:4px 4px  
4px 4px #CF374D; box-shadow:4px 4px 4px  
4px #CF374D }
```

# Background

The CSS property to change the background color of an element to Hex CF374D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF374D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#CF374D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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